


Department of Pathology (Clinical Laboratory)		
Equipments		
S. NO.	NAME OF ITEMS	Quantity
(A)	General	
I	Histopathology/Cytopathology for students	
1	For Students - LED Binocular with Scanner, 10X, 40X, & Oil immersion lenses and inbuilt Battery backup power source	41 Local + 20 Labomad = 61
II	Hematology for students	
2	Stop watch reading at 1/5 second.	2+10
3	Haemo-cytometers with red and white pipetts.	44+4
4	Staining jars for slides.	5
III	Clinical Pathology for Students	
1	Urinometers(Mercury based instruments to be replaced with other alternatives)	8
2	Centrifuge tubes graduated	36
3	Graduated cylinders for various capacities ranging from 100 cc to 1000 cc.(For students)	23
4	Pipetts of various sizes with disposal tips.(For students)	190
5	Reagent bottles (For students)	260
6	Dropping bottles (For students)	200
7	Reagents(For students)	Available
(B)	Morbid Histology and Morbid Anatomy	
1	Manual Rotary Microtome	2
2	Automated Rotary Microtome	2
3	Cryostat	1
4	Hot plate	2
5	Paraffin embedding bath	1
6	Heated Paraffin Embedding Module	2
7	Cold Plate for Modular Tissue Embedding System	4
8	Automated Tissue Processor -Histokinette	2
9	Autoclave	1
10	Ultrapure water solutions - Distilled water plant	1
11	Water bath	2
12	Centrifuge machine	1
13	Digital SLR at least 20 megapixel with micro, macro, wide angle zoom lenses, Flash and other accessories	Available
14	Digital Automatic camera > 5 megapixel	Available
15	Fully Automated high throughput Multi-Stainer Workstation	1
16	Fully Automated Embedding System (Heated embedding module & cold plate)	1
17	Fully Automated Flexible Coverslipping Workstation	0
18	Standalone paraffin dispensing module cold plate holding more than 100 cassettes	1
19	Stand alone cold plate	1
20	Single Pan Digital Balance, Chemical	1
21	Balance, chemical with weights	1
22	Microscopes	20 (Magnius)
23	Grossing Station - Stainless steel, with Control panel, air filtration system, Track mounted adjustable computer arm with articulation, LED lights that are color and intensity. Dedicated USB ports for camera control and data transfer adjustable, Integrated pathology camera system, Instrument Set (High quality) Height Adjustable Stainless Steel Chairs With Split AC of appropriate capacity.	01 Available
24	Fully Automated Immuno-histo-chemistry Setup with Continuous supply of Important Antibodies, Lymphoma Panel etc.(for post graduate training)	1
(C) Hematology Lab : For demonstration		
25	Five part Fully Automated Cell Counter	2
26	Three Part Fully Automated Cell Counter	1
27	Coagulometer (Fully automated)	1


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